

12-03-01

Box-Seq

PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCEPlease type a plus sign (+) inside this box ☒  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new non-provisional applications under 37 CFR 1.53(b))

Attorney Docket No.	E1047/20043
First Inventor	Glen H. ERIKSON
Title	Amperometric Affinity Assay and Electrically Stimulated Complexes of Nucleic Acids
Express Mail Label No.	EL 674 379 012 US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification (Total Pages 35)  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) (Total Sheets 66)
5. ☒ Oath or Declaration (Total Pages 1)
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☒ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☒ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations (74 references attached)
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Assignee information attached

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP)

of prior application No. 09/490,273 (Pat. No. 6,265,170)

Prior application information:

Examiner A. Chakrabarti

Group Art Unit 1655

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

or ☐ Correspondence address below

Name	03000			
Address	PATENT TRADEMARK OFFICE			
City	State	Zip Code		
Country	United States	Telephone	(215) 567-2010	Fax (215) 751-1142

Name (Print/Type)	David M. Tener	Registration No. (Attorney/Agent)	37,054
Signature	<i>David M. Tener</i>	Date	11/29/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

11/29/01

0998155-112901

09/998155

# FEE TRANSMITTAL for FY 2002

*Patent fees are subject to annual revision.*

**TOTAL AMOUNT OF PAYMENT** (\$ ) 410.00

## Complete if Known

Application Number	
Filing Date	November 29, 2001
First Named Inventor	Glen H. ERIKSON
Examiner Name	
Group Art Unit	
Attorney Docket No.	E1047/20043

### METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:
- Deposit Account Number: 03-0075
- Deposit Account Name: Caesar, Rivise, Bernstein, Cohen & Pokotilow, Ltd.
- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☒ Applicant claims small entity status. See 37 CFR 1.27
2. ☐ Payment Enclosed:
- ☐ Check ☐ Credit card ☐ Money Order ☐ Other

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	370.00
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	
<b>SUBTOTAL (1)</b>			<b>(\$ ) 370.00</b>

#### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
15	-20** = 0	9	0
2	-3** = 0	42	0
Multiple Dependent		140	0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** (\$ ) 0

\*\*or number previously paid, if greater; For Reissues, see above


### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	40.00
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	
Other fee (specify)			
<b>SUBTOTAL (3)</b>			<b>(\$ ) 40.00</b>

\*Reduced by Basic Filing Fee Paid

### SUBMITTED BY

Name (Print/Type)	David M. Tener	Registration No. (Attorney/Agent)	37,054	Telephone	(215) 567-2010
Signature		Date	11/29/01		

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Applicant(s) : Glen H. ERIKSON

Invention : AMPEROMETRIC AFFINITY ASSAY AND ELECTRICALLY  
STIMULATED COMPLEXES OF NUCLEIC ACIDS

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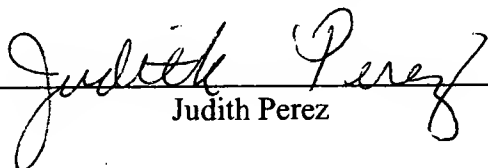
This is a utility patent application which includes the following:

1. Application Data Sheet - 1 page
2. Utility Patent Application Transmittal letter with Assignee Information Sheet attached
3. Fee Transmittal for FY 2001 in duplicate
4. Drawings - 66 sheets
5. Specification - 31 pages
6. 15 Claims - 3 pages
7. Abstract - 1 page
8. Declaration for Patent Application - 1 page
9. Sequence Listing, paper and computer readable forms - 1 page and 1 diskette
10. Assignment to INGENEUS CORPORATION (3 pages) and Recordation Cover Sheet (in duplicate)
11. Information Disclosure Statement - 2 pages
12. Form PTO-1449 for Information Disclosure Statement and copies of references cited (4 pages and 74 attachments)
13. Return Receipt Postcard

"Express Mail" Mailing Label No. EL 674 379 012 US

Date of Deposit November 29, 2001

I hereby certify that the above-identified documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 (as temporarily modified by the Postal Service Emergency Notification of November 20, 2001, signed by the Acting Under Secretary of Commerce for Intellectual Property and Acting Director of the United States Patent and Trademark Office) on the date indicated above and are addressed to the U.S. Patent and Trademark Office, ATTN: Box PATENT APPLICATION, P.O. Box 2327, Arlington, VA 22202.

  
\_\_\_\_\_  
Judith Perez

0998155-11901

**PATENT APPLICATION TRANSMITTAL (CONTINUED)**

**ASSIGNEE INFORMATION TO BE PUBLISHED  
UNDER 37 CFR §1.215(b)**

Applicant(s): Glen H. Erikson

Title of Invention: AMPEROMETRIC AFFINITY ASSAY AND ELECTRICALLY  
STIMULATED COMPLEXES OF NUCLEIC ACIDS

Filing Date: November 29, 2001

Atty. Docket No. E1047/20043

Customer No. 03000

In accordance with 37 CFR §1.215(b), Assignee requests that the following  
information be included in the patent application publication:

**Name of Assignee: INGENEUS CORPORATION**

**Residence: (City/State or Country): Bridgetown, Barbados**

10627-533660